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From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
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Subject: Ham-Homebrew Digest V94 #189
To: Ham-Homebrew

Ham-Homebrew Digest Sun, 10 Jul 94 Volume 94 : Issue 189

Today's Topics:

Adhesive for lawn mower resistor
CB sets to 10 meters and 6 meters (2 msgs)

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 9 Jul 1994 12:21:51 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!cs.utexas.edu!asuvax!chnews!
scorpion.ch.intel.com!jbromley@network.ucsd.edu
Subject: Adhesive for lawn mower resistor
To: ham-homebrew@ucsd.edu

In article <2unk20\$e13@news.u.washington.edu>,
Roger Fulton <roger@wrig.com> wrote:

>there is a large (5 ohm, 20 watt, I believe) block-shaped
>resistor that I need to re-attach to the side of the motor
>housing. It was originally attached with an off-white,
>rubbery adhesive. This adhesive isn't silicone or RTV. From
>my former life as an electronics technician (MANY years ago),
>I vaguely remember something called (I think) potting compound
>that was used for this purpose. As I recall, this stuff not
>only had adhesive properties but also could help act as a
>heat sink. (Note that I'm NOT talking about the greasy, white
>heat sink stuff you use when mounting such things as power
>transistors.)

You might check into using dental adhesive. It is extremely strong and has good heat conducting properties. It is NOT flexible, however. So if you need shock-absorbing ability, this stuff may not work.

Jim Bromley, W5GYJ <jbromley@sedona.intel.com>

Date: Sat, 9 Jul 1994 15:06:13 GMT
From: ihnp4.ucsd.edu!pacbell.com!att-out!nntpa!not-for-mail@network.ucsd.edu
Subject: CB sets to 10 meters and 6 meters
To: ham-homebrew@ucsd.edu

I know that the FCC required CB manufacturers to fix the PLL chips so that out of band mods are "impossible." But given the success in mod'ing scanners and cellular phones, I assume some cb sets must be easy to mod.

I have seen postings before but no real info. Are there any good CB sets to buy and modify for the 28.0-29.7 band? My ultimate goal is to put one on six meters.

I know that the Uniden 2510 and 2600 are good choices they seem to have high prices at Hamfests. I assume the real market for those radios is the freebanders not hams.

Please no flames as I am asking this question as a ham (>30 years) and do not plan to work the freeband with the info. Anyone can check my address in the call book and call me at home. I have a listed number. Also notice the originating address (company and login id).

I would like to swap information with anyone with ideas to build or modify a rig for 6 meters. I have no interest in kits that don't work.

I think there are opportunities:

- 1) for designing a low cost kit that works for 6 meters,
- 2) writing a magazine article about the kit, and
- 3) Writing an article about modifying radios for 6 meters.

I have no hope that Uniden will have a 6 meter version of the 2600 since I don't think most 2600's are sold to hams.

Joe Wilkes
WA2SFF

Date: Sat, 9 Jul 94 23:32:21 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: CB sets to 10 meters and 6 meters
To: ham-homebrew@ucsd.edu

Joe,

There were several good articles in 73, etc in the early 80's and late 70's for converting the so-called Hy-Gain boards. These were surplus PCB version partially assembled CB rigs that were apparently built up for the anticipated CB boom (you know, that trucker song, etc.) These mods are easy to make for 10 meters, I helped some people get some of those going. They work for 10M AM and FM, but not SSB. I also don't think that 6M was addressed.

a crystal mixed SSB radio. These were not PLL synthesized but just mixed crystals. Just some algebra and new crystals and you're there to 10M anyway. I also did one of those and it worked well. But now I have a 2600 which works even better (more than 40 channels.)

As for 6M, I would try to roll one from scratch. Ramsey makes a 6M FM kit though.

Have Fun and 73,

Tom Xydis KC9DM tgxydis@aol.com

End of Ham-Homebrew Digest V94 #189
